Lesson Plan for KNP Activity
M 4442.3: Pop Drop Move-It (2&4)

Teacher Planning Notes:

Task Group Number: 4442	**Task Group Name:** Pop Drop Move-It (2,4,8)
Strand: Multiplication and Division	**Activity Level and Color:** 3 Green

KNP Activity Link with access to Printables and Student Instructions:
/knp/activity.php?id=4442.3&prefix=M

Numeracy Target: Count items arranged in equal groups with only group markers visible (items with groups are not visible)
Numeracy Targets Chart

Fluency Benchmark: KY.3.OA.7 Fluently multiply and divide within 100.

Kentucky Academic Standard(s): KY.3.OA.1, KY.3.OA.7

Student-Friendly Learning Target: I am learning to determine products involving a factor of 2 or 4 with support of materials.

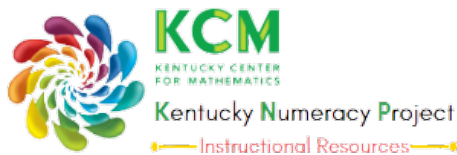**Suggested Student Grouping(s):** partners, small group

Materials: Set of 2-dot and 4-dot popsicle sticks, 12 each, Pop Drop Move-It game board (multiples of 2 & 4), recording sheets

Activity Description: Pop Drop Move-It (multiples of 2 & 4): Play Move-It according to standard directions. On a player's turn, the player may choose to drop EITHER the set of sticks with 2 dots or with 4 dots. The player will determine the number of dots that are hidden (i.e. face down) and cover that number on the board. For example, if the player drops the 4-dot sticks and 4 are face down, the player will cover a 16 on the game board.

Teacher Notes: Dot strips available in the print link for M 4442.1 may be used in place of popsicle sticks. Optionally, the 4-dot sticks can be color coded (2 dots each in 2 different colors) to provide additional support. The activity as described at the M 442.1 level can be used as a warm-up. The warm-up may be modified so that students are counting as sticks are placed with the dots face down. A student playing this game may be partnered with a student playing the game as described in entry M 442.2. The blank Move-It game board (included in the print link) can be used to create customized variations. For example, a struggling student may need to work with a fewer number of sticks. A board with only the multiples of 4 up to 24 could be used with a set of 6 sticks.

Evidence of Learning (Diagnostic Assessment of Progress): Place out a stick with 4 dots. Ask "How many dots?" Explain that all sticks have the same number of dots. Place 6 sticks, face down, in a scattered configuration. Ask student, "How many dots?" Repeat process with a different number of sticks.

KNP ID #M 4442.3